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Ebbw Vale Urban District Council.

REPORT

of the

Medical Officer of Health

and

School Medical Officer

For the Year 1941.

Prole & Son Printers Ebbw Vale 838a

Ebbw Vale Urban District Council.

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Ebbw Vale Urban District Council.

Rateable Value...	£130,063
Area of District	6,817 acres
Population (Census)	
Population (Estimated) 1941	
Population (Estimated) 1940	
Populalion (Estimated) for Birth and Death Rate	
Birth Rate per 1,000 inhabitants	19·14
Birth Rate per 1,000 inhabitants, 1940 ...	20·05
Number of Living Births	596
Illegitimate Births	11
Death Rate per 1,000 inhabitants	12·43
Number of Deaths	387
Zymotic Death Rate	0·25
Infant Death Rate per 1,000 Births	42·13
Infant Death Rate per 1,000 Births, 1940 ...	89·45
Phthisis Death Rate per 1,000 inhabitants ...	0·96

Ebbw Vale Urban District Council.

Chairman - - Councillor E. Lewis, J.P.

Vice-Chairman - - Councillor J. O'Sullivan.

Members of The Council.

Councillor E. Bennett	Coun. Mrs. E. M. Honeyfield, J.P.
,, F. Bird	,, E. Harris
,, J. G. Bush	,, T. Jones (Retired)
,, J. Cool	,, J. Norton
,, C. G. Davies, J.P.	,, T. Nicholas
,, W. Darby	,, A. Protheroe
,, A. Davies	,, H. Sewell
,, Alfred Davies	,, T. Thomas, M.B.E.
,, T. Edwards	,, D. Warren
,, S. Gale	,, E. Williams.

Clerk to the Council - - R. E. Herbert, Esq.

Deputy Clerk to the Council - Mr. H. Williams (Solicitor).

Chief Financial Officer - - Mr. W. Hicks, A.I.M.T.A., A.S.A.A.

Surveyor & Water Engineer - Mr. P. I. Davies.

Health Committee.

Chairman - - Councillor E. Harries.

Medical Officer of Health—

F. M. Fonseca, F.R.C.S.I., D.P.H.

Chief Sanitary Inspector—

David Davies, C.R.S.I., M. & O.F.I., M.S.I.A.

Assistant Sanitary Inspectors—

E. T. Hall, CERT.S.I.B., M. & O.F.I., M.S.I.A.

R. J. Howells, Cert.S.I.B., A.R.San.I.

Clerks to the M.O.H.—

Miss G. G. Owen. Mr. B. N. Johnson.

Annual Report of the Medical Officer of Health

to the

Ebbw Vale Urban District Council for Year 1941.

To the Chairman and Members of the
Ebbw Vale Urban District Council.

Madam and Gentlemen,

I have the honour of submitting to you my Report for the year 1941. It is made in accordance with the Memorandum of the Ministry of Health.

The area of the Ebbw Vale Urban District is 6,817 acres, with an estimated population of —.

The population given by the Registrar-General for 1941 for calculating Birth and Death Rate, as well as other figures supplied are not to be published. This is requested by the Ministry of Health.

These returns of Births and Deaths as submitted will be used for calculating purposes. The figures do not quite correspond with those of the weekly returns of the Local Registrar.

Births.

There were during 1941, — births registered, of which — were males and — females; 6 males and 3 females being illegitimate. The returns as submitted by the Registrar-General were — males and — females; 6 males and 5 females being illegitimate, making a total of —, 49 more than local returns.

The general birth rate is 19·14, as against 20·05 for 1940 and 14·2 for England and Wales. In 1941, the male rate was 10·21, the female being 9·93, while in 1940 these birth rates were 9·96 and 10·09 respectively.

Number of Still-Births.

	Boys	Girls	Total
Legitimate	17	7	24
Illegitimate	2	0	2
	19	7	26

Deaths.

The total number of deaths which occurred in the area as returned by the Registrar-General from All Causes was 387 ; of this number 212 being males and 175 females.

The weekly returns of deaths from the Local Registrar, together with the transferable deaths returned by the County Medical Officer of Health shows the total number 391 ; 215 being males and 176 females.

The general death rate is 12·43 ; 6·81 being males and 5·62 being females, while for England and Wales the annual death rate is 12·9.

TABLE II.

Year	Population	No. of Deaths	Death Rate	England and Wales
1939	—	374	12·50	12·1
1940	—	404	13·28	14·3
1941	—	387	12·43	12·9

Causes of Death in Ebbw Vale Urban District 1941.

		M	F
	All Causes	212	175
1	Typhoid and Paratyphoid Fevers ...	2	0
2	Cerebro-spinal Fever	0	0
3	Scarlet Fever	0	0
4	Whooping Cough...	1	2
5	Diphtheria	1	1
6	Tuberculosis of Respiratory Sys. ...	6	13
7	Other Forms of Tuberculosis	5	6
8	Syphilitic Diseases	0	0
9	Influenza	9	8
10	Measles	0	0
11	Ac. Polio-myel. and Polio-enceph. ...	0	0
12	Ac. Inf. Enceph.	0	0
13	Cancer of buc. cav. & œsoph. (M) uterus (F)	3	4
14	Cancer of stomach and duodenum ...	7	3
15	Cancer of breast	0	2
16	Cancer of all other sites	16	12
17	Diabetes	2	0
18	Intra-cranial vascular lesions	14	26
19	Heart disease	31	30
20	Other disease of circ. system	3	5
21	Bronchitis	21	15
22	Pneumonia	22	8
23	Other resp. dis.	4	3
24	Ulcer of stomach or duodenum ...	3	1
25	Diarrhœa under two years	0	1
26	Appendicitis	0	0
27	Other digve. dis	6	4
28	Nephritis	6	7
29	Puer. and post-abort. sepsis.	0	1
30	Other maternal causes	0	1
31	Prem. birth	1	0
32	Con. mal. birth inj. infant dis.... ...	6	2
33	Suicide	5	1
34	Road traffic accident	6	1
35	Other violent causes	5	3
36	All other causes	27	15

The Statistical rates of Births and Deaths for the County of Monmouth for the year 1941, are as follows :—

Live Birth Rate per 1,000 of population	...	16·70
Still-birth Rate per 1,000 of population	...	0·74
Death Rate per 1,000 of population ...	...	12·11
Infantile Mortality Rate per 1,000 live births	...	70·48

Maternal Mortality Rates :—

	Puerperal Sepsis	Others	Total
Per 1,000 Live Births	0·74	3·34	4·08
Per 1,000 Total Births	9·71	2·71	3·90

Table V.

Causes of Death—Local Returns.

Diseases	Males	Females	All Causes	Under 1 year	1—2 years	2—3 "	3—4 "	4—5 "	5—10 "	10—15 "	15—20 "	20—35 "	35—45 "	45—65 "	Over 65 "
1 Typhoid and Para-typhoid Fevers	2	...	2	...	...	...	...	...	...	...	...	...	1	1	...
2 Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 Whooping Cough	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
5 Diphtheria	1	1	2	...	...	...	1	...	1	...	...	...	..	...	...
6 Influenza	2	1	3	...	...	...	...	...	...	...	1	...	...	1	1
7 Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 Cerebro-Spinal Fever ...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
9 Tuberculosis of Respiratory Organs	5	15	20	...	...	...	1	...	...	1	4	11	1	2	...
10 Other Tuberculous Diseases	4	4	8	1	..	1	...	2	1	...	1	...	2	...	...
11 Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 General Paralysis of the insane, tabes dorsalis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 Cancer, Malignant Disease	26	20	46	...	...	...	...	...	...	...	...	2	3	14	27
14 Diabetes	2	1	3	...	...	...	...	...	...	...	...	...	...	1	2

15 Cerebral Hæmorrhage, etc.	14	23	37	1	...	...	...	...	...	...	...	...	2	14	20
16 Heart Disease ...	25	28	53	...	...	...	...	...	...	...	1	2	3	19	28
17 Aneurysm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 Other Circulatory Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 Bronchitis	17	17	34	3	2	...	...	...	...	...	...	...	3	10	16
20 Pneumonia (all forms) ...	34	20	54	11	5	1	...	...	...	2	...	2	...	12	21
21 Other Respiratory Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22 Peptic Ulcer	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23 Diarrhœa, etc. (under 2 yrs.)	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
24 Appendicitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25 Cirrhosis of Liver ...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...
26 Other Diseases of Liver, etc.	. .	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27 Other Digestive Diseases ...	6	5	11	...	...	...	...	...	...	...	...	1	...	6	4
28 Acute and Chronic Nephritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29 Puerperal Sepsis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30 Other Puerperal Causes ...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
31 Congenital Debility, Premature Birth, Malformation, etc.	3	3	6	6	...	...	...	...	...	...	...	...	...	...	...
32 Senility	31	22	53	...	...	...	...	...	...	...	...	...	...	1	52
33 Suicide	5	1	6	...	...	...	...	...	...	...	...	...	2	3	1
34 Other Violence ...	12	3	15	...	...	...	...	...	2	1	1	1	3	3	4
35 Other Defined Diseases ...	25	12	37	6	1	1	. .	...	1	...	1	8	3	6	10
36 Causes ill-defined or unknown	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	215	176	391	28	8	3	2	2	5	4	9	27	23	94	186

Causes of Death—Distribution of Wards.

Diseases	North Ward	Badminton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Total
1 Typhoid and Para-typhoid Fevers	...	...	...	1	1	...	2
2 Measles	...	...	...	...	...	...	...
3 Scarlet Fever	...	...	...	...	...	...	...
4 Whooping Cough	...	...	...	...	..	...	...
5 Diphtheria	...	1	...	...	1	...	2
6 Influenza	...	...	...	...	3	...	3
7 Encephalitis Lethargica ...	...	...	...	...	...	...	...
8 Cerebro-Spinal Fever ...	...	...	...	...	...	..	...
9 Tuberculosis of Respiratory Organs	4	2	5	2	4	3	20
10 Other Tuberculous Diseases	2	1	1	1	2	1	8
11 Syphilis	...	...	...	...	...	...	...
12 General Paralysis of the insane, tabes dorsalis ...	...	...	...	...	...	...	...
13 Cancer, Malignant Disease	10	7	6	7	11	5	46
14 Diabetes	1	...	1	...	1	...	3

15 Cerebral Hæmorrhage, etc.	5	5	9	5	9	4	37
16 Heart Disease ...	10	3	13	7	12	8	53
17 Aneurysm	...	...	...	...	...	...	...
18 Other Circulatory Diseases	...	...	...	...	...	...	...
19 Bronchitis	4	3	4	7	8	8	34
20 Pneumonia (all forms) ...	13	6	9	4	13	9	54
21 Other Respiratory Diseases	...	...	...	...	...	...	...
22 Peptic Ulcer	...	...	...	...	...	...	...
23 Diarrhœa, etc. (under 2 yrs.)	...	...	...	...	...	...	...
24 Appendicitis	...	...	...	...	...	...	...
25 Cirrhosis of Liver ...	...	...	...	...	1	...	1
26 Other Diseases of Liver, etc.	...	...	...	...	...	...	...
27 Other Digestive Diseases ...	...	...	...	...	...	...	...
28 Acute and Chronic Nephritis	1	...	2	1	4	3	11
29 Puerperal Sepsis ...	...	...	...	...	...	...	...
30 Other Puerperal Causes ...	...	...	...	...	...	...	...
31 Congenital Debility, Premature Birth, Malformation, etc.	2	2	1	1	...	...	6
32 Senility	11	2	17	8	13	2	53
33 Suicide	3	...	...	...	2	1	6
34 Other Violence ...	1	2	2	4	3	3	15
35 Other Defined Diseases ...	4	2	9	3	8	11	37
36 Causes ill-defined or unknown	...	...	...	...	...	...	...
	71	36	79	51	96	58	391

Infectious Diseases.

There were 1,308 Notifications of the Statutory Notifiable Diseases, as against 1,387 in 1940, showing a decrease of 79.

Zymotic Mortality.

Out of 387 deaths from All Causes, there were 8 from the "Seven Principal Zymotic Diseases."

Small-pox 0 ; Scarlet Fever 0 ; Diphtheria and Membraneous Croup 2 ; Enteric Fever 2 ; Measles 0 ; Whooping Cough 3 ; and Diarrhœa and Enteritis 1.

These 8 deaths correspond to an annual Zymotic Death Rate of 0·25, as compared with 0·49 for 1940.

Details as to the number of cases are given in the following b e :—

TABLE VI.

Zymotic Diseases 1941.

		Notified Cases	Deaths	Case Fatality per cent.	Death Rate	England and Wales
1	Small-pox	0	0	0	0	0·00
2	Scarlet Fever ...	99	0	0	0	0·00
3	Diphtheria ...	65	2	3·03	0·06	0·07
4	Enteric Fever ...	4	2	50·00	0·06	0·00
5	Measles	657	0	0	0	0·03
6	Whooping Cough ...	294	3	1·02	0·09	0·06
7	Diarrhœa and Enteritis (under 2 years) ...	0	1	0	1·67	5·1
Death Rate per 1000 Births						

Total number of Deaths ... 8

Death Rate per 1,000 ... 0·25

The rate of attack of all Infectious Diseases was 42·01, while in 1940 it was 45·61.

Scarlet Fever.

		1941	1940	1939
Number of Cases Notified	...	99	344	124
Number of Deaths ...	...	0	0	0
Death Rate—Ebbw Vale	...	0·00	0·00	0·00
England and Wales ...	...	0·00	0·00	0·00

Diphtheria and Membraneous Croup.

		1941	1940	1939
Number of Cases Notified	...	66	12	1
Number of Deaths ...	...	2	2	1
Attack Rate... ...	...	2·12	0·39	0·53
Death Rate—Ebbw Vale	...	0·06	0·06	0·03
England and Wales ...	...	0·07	0·06	0·05

Report of Diphtheria Immunization at Ebbw Vale, 1941.

The work of immunization against Diphtheria was continued during the year.

Enteric Fever (Including Para-Typhoid).

		1941	1940	1939
Number of Cases Notified	...	4	0	1
Number of Deaths ...	...	2	0	0
Attack Rate... ...	...	0·12	0·00	0·03
Death Rate—Ebbw Vale	...	0·06	0·00	0·00
England and Wales ...	...	0·00	0·00	0·00

Whooping Cough.

		1941	1940	1939
Number of Cases Notified	...	294	164	91
Number of Deaths ...	...	3	4	1
Attack Rate... ...	...	9·44	5·39	3·04
Death Rate—Ebbw Vale	...	0·09	0·13	0·03
England and Wales ...	...	0·06	0·02	0·03

Ophthalmia Neonatorum.

Four cases of this disease were reported.

Notified	Cases Treated At Home	Cases Treated In Hospital	Vision Un-impaired	Vision Im-paired	Total Blind-ness	Deaths
4	4	0	4	0	0	0

Prevention of Blindness.

Public Health Act, 1936, Section 176.

No action was taken by the Council under this Section during 1941.

Measles.

		1941	1940	1939
Number of Cases Notified	...	657	664	115
Number of Deaths ...	...	0	1	3
Attack Rate ...	...	21·05	21·83	3·84
Death Rate—Ebbw Vale	...	0·00	0·32	0·10
England and Wales ...	...	0·03	0·02	0·01

Pneumonia.

		1941	1940	1939
Number of Deaths ...	...	30	28	36
Death Rate—Ebbw Vale	...	0·96	0·92	1·203

Influenza.

		1941	1940	1939
Number of Deaths ...	...	17	8	9
Death Rate—Ebbw Vale	...	0·54	0·26	0·301
England and Wales ...	...	0·19	0·32	0·21

Puerperal Pyrexia.

		1941	1940	1939
Number of Deaths ...	...	1	0	0
Death Rate—Ebbw Vale	...	0·03	0·00	0·00

Tuberculosis.

58 cases were notified during the year ; 40 being Pulmonary and 18 Other Forms.

19 deaths occurred from P.T.B. ; 6 males and 13 females.

11 deaths occurred from Other Forms ; 5 males and 6 females.

Doctors J. Glyn Jones and H. A. Evans, Medical Officers of the Welsh National Memorial, attend Ebbw Vale every Tuesday and Thursday, and all suspicious cases are referred to them for their opinion.

		1941	1942	1939
Rate of Attack, Ebbw Vale				
In Pulmonary Tuberculosis	...	1·28	1·34	1·4
Other Forms ...	..	0·57	0·39	0·77

	Notifications New Cases				Deaths Notified Cases				Deaths Non-Notified Cases			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year ...	...	...	...	1	...	...	...	...	...	...	...	1
Between 1 and 5 years ...	1	...	4	...	...	...	2	...	...	1	...	1
5 ,, 10 ,, ...	...	1	2	1	...	...	...	...	...	...	...	1
10 ,, 15 ,, ...	1	1	1	1	...	1	...	...	...	...	...	...
15 ,, 20 ,, ...	6	6	1	1	1	3	1	...	...	...	...	...
20 ,, 25 ,, ...	3	6	...	...	2	3	...	...	...	...	...	...
25 ,, 35 ,, ...	5	5	2	1	1	4	1	1	...	1	...	...
35 ,, 45 ,, ...	3	2	..	3	...	1	...	...	...	...	...	..
45 ,, 55 ,, ..	...	...	...	...	...	1	...	...	...	..	...	...
55 ,, 65 ,, ...	...	...	...	...	1	...	..	...	...	...	...	...
Over 65 ,, ...	...	...	...	...	...	...	...	...	...	...	...	...
	19	21	10	8	5	13	4	1	...	2	...	3

The notification of T.B. cases on the whole is satisfactory. When notification is not sent, the doctors' explanation invariably is that they were under the impression it had been notified.

Public Health (Prevention of Tuberculosis) Regulations, 1925.

Action taken under these Regulations relating to Tuberculous employees in the milk trade.

a. Action taken under Article 3 ... ...

b. Of the number of cases in which Notices have been served under Article 5 ... ...

c. Of the number of appeals (if any) under Article 6 and their result ; and

d. Of the number of cases in which compensation has been paid, and its average amount ... Nil

Public Health Act, 1936, Section 172.

Action taken by the Council under this Section during 1941 ... ... Nil

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Report of Dr. J. Glyn Jones, Tuberculosis Physician, upon Tuberculosis work in Ebbw Vale during the year ended 31st December, 1941.

Patients from this district attend the Visiting Station, Workmen's Hall, Ebbw Vale, every Tuesday and Thursday at 11 a.m. Attendance here is weekly, as the area served is a very large one.

Details of the cases in the district are as follows :—

Number of new cases seen	... ...	228
Number diagnosed as—Pulmonary	... ...	37
Non-Pulmonary	...	13
Number of patients admitted to Hospital	...	31
Number of patients admitted to Sanatorium	...	11
Total number of patients examined at the Clinic	...	843

Erysipelas.

		1941	1940	1939
Number of cases notified	...	11	23	23
Attack Rate—Ebbw Vale	...	0·35	0·75	0·77

Encephalitis Lethargica.

		1941	1940	1939
Number of cases notified	...	1	1	0
Attack Rate—Ebbw Vale	...	0·03	0·03	0·00
Number of Deaths ...	...	0	2	1
Death Rate... ...	...	0·00	0·06	0·03

Acute Polio-Myelitis and Polio-Encephalitis.

		1941	1940	1939
Number of cases notified	...	1	0	1
Attack Rate—Ebbw Vale	...	0·03	0·00	0·03
Number of Deaths ...	...	0	1	0
Death Rate ...	...	0·00	0·03	0·00

Cerebro-Spinal Meningitis.

		1941	1940	1939
Number of cases notified	...	13	23	16
Attack Rate—Ebbw Vale	...	0·41	0·75	0·53
Number of Deaths ...	...	0	2	4
Death Rate... ...	...	0·00	0·06	0·13

Memorandum.

The tabular statement shown below are figures submitted by the Registrar-General for the information of Local Medical Officers of Health. These are of certain Infectious Diseases which concern the district as compiled from his returns. The second column gives the case rate per 1,000 population from the same diseases in England and Wales during the year 1941.

Disease	Notified Cases in the District	Case Rate per 1,000 living England & Wales
Enteric Fever... ...	4	0·03
Scarlet Fever	103	1·47
Whooping Cough ...	301	4·39
Diphtheria	66	1·25
Erysipelas	11	0·30
Small-pox	0	0
Measles	678	10·33
Pneumonia	100	1·25
Puerperal Pyrexia ...	1	11·91

TABLE VII.

Analysis of Total Cases and Deaths of Infectious Diseases, 1941.

Disease	At all Ages	Cases Notified												Ward Distribution of Infectious Diseases						Removed to Hospital
		Under 1 year	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	Over 65 years	N. Ward	Badminton W.	N.C. Ward	C. Ward	S. C. Ward	S. Ward	
Scarlet Fever... ..	99	.	4	7	10	9	40	16	3	10	...	...	...	16	8	31	18	6	20	2
Diphtheria	66	...	2	2	3	2	28	21	5	2	1	...	...	14	10	8	5	12	17	62
Pneumonia	99	10	6	6	4	5	8	5	9	8	10	15	13	40	12	12	14	6	15	...
Erysipelas	11	...	...	...	...	...	...	...	...	1	2	6	2	1	3	4	3	...	...	...
Cerebro-Spinal Fever ..	13	...	...	1	1	...	2	...	4	3	2	...	...	3	1	4	2	2	1	13
Whooping Cough ..	294	36	49	41	57	49	60	1	...	1	...	...	...	58	24	83	55	42	32	...
Measles	657	48	75	76	109	87	238	16	6	1	1	...	...	214	99	99	61	66	118	...
Ophthalmia Neonatorum ...	4	4	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1	...
Acute Poliomyelitis ...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...
Puerperal Pyrexia ...	1	...	...	...	...	...	...	...	...	1	...	..	...	...	...	...	1	...	...	...
Typhoid	4	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	4	...	...	3
Encephalitis Lethargica ...	1	...	...	...	...	...	...	...	...	...	...	1	...	..	...	...	1	...	...	...
	1250	98	136	133	184	152	376	59	27	28	16	26	15	347	158	242	164	135	204	80

DEATHS.

Disease	AGE GROUPS.											
	Under 1 year	1-2 years	2-3 "	3-4 "	4-5 "	5-10 "	10-15 "	15-20 "	20-35 "	35-45 "	45-65 "	Over 65 years
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	...	...	...	1	...	1	...	...	...	...	...	...
Pneumonia	11	5	1	...	...	...	2	...	2	...	12	21
Erysipelas...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro-spinal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis ..	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Pyrexia	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid	...	...	...	...	...	...	...	...	...	1	1	...
Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	...	...	...	...
	11	5	1	1	...	1	2	...	2	1	13	21

Infantile Mortality.

		1941	1940	1939
Number of Deaths under 1 year	...	26	56	30
Number of Births ...	...	617	626	555
Infantile Mortality per 1,000	...	42·13	89·45	54·05

There were 26 deaths amongst infants under 1 year, and the general total from All Causes was 387, so that 6·72 per cent. of the deaths of the population occurred in children under 1 year.

According to the Returns of the Registrar-General, there were 596 births during the year ; 585 legitimate, out of which 24 died, and 11 illegitimate with 2 deaths. (The figures 596 is used for the calculation of Births Rates, while the figures 617 is used in ascertaining the infantile Mortality Rate).

The number of births notified by the local Registrar was 547, out of which 9 were illegitimate. Of this number 28 deaths occurred.

TABLE VIII.
Infantile Mortality during the Year 1941.
Net Deaths from stated Causes at various ages under one year.

Causes of Death	Under 1 week	1—2 weeks	2—3 "	3—4 "	Total under One Month	1—3 months	3—6 "	6—9 "	9—12 "	Total under One Year	Grand Total
All Causes : Certified ...	6	..	3	2	11	6	4	3	4	17	28
Uncertified ...	...	...	...	...	...	...	...	...	...	...	...
1 Premature Birth ...	2	...	...	...	2	...	...	...	...	...	2
2 Congenital Debility ...	...	...	...	2	2	2	...	...	...	2	4
3 Convulsions ...	...	...	...	...	...	1	...	...	...	1	1
4 Broncho-Pneumonia ...	...	...	2	...	2	2	2	...	2	6	8
5 Pneumonia	...	...	...	...	...	...	...	2	1	3	3
6 Bronchitis	...	...	1	...	1	...	2	...	...	2	3
7 Suffocation	...	...	...	...	...	...	...	...	...	...	...
8 Dentition	...	...	...	...	...	...	..	...	...	...	...
9 Gastritis and Enteritis ...	...	...	...	...	...	...	...	...	...	...	...
10 Inanition	...	...	...	...	...	...	...	...	...	...	...
11 Malnutrition ...	...	...	...	...	...	...	...	...	...	...	...
12 Intussusception ...	...	...	...	...	...	...	...	...	...	...	...
13 Diarrhœa and Enteritis	...	...	...	...	...	...	..	...	...	...	...
14 Spina Bifida ...	...	...	...	...	...	1	...	...	...	1	1
15 Tuberculous Diseases ...	...	...	...	...	...	...	...	...	1	1	1
16 Cerebral Hæmorrhage ...	1	...	...	...	1	...	...	...	...	...	1
17 Other Defined Diseases	3	...	...	...	3	...	...	1	...	1	4
	6	...	3	2	11	6	4	3	4	17	28

Infantile Mortality during the Year 1941.
Distribution of Wards.

	Causes of Death	North Ward	Badminton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Grand Total
1	Premature Birth ...	1	1	...	...	...	...	2
2	Congenital Debility ...	1	1	1	1	...	...	4
3	Convulsions ...	...	...	...	...	...	1	1
4	Broncho Pneumonia ...	2	1	2	...	2	1	8
5	Pneumonia	1	1	1	...	...	...	3
6	Bronchitis	...	...	1	...	1	1	3
7	Suffocation	...	...	...	...	...	...	...
8	Dentition	...	...	...	...	...	...	...
9	Gastritis and Enteritis ...	...	...	...	...	...	...	...
10	Inanition	...	...	...	...	...	...	...
11	Malnutrition ...	...	...	...	...	...	...	...
12	Intussusception ...	...	...	...	...	...	...	...
13	Diarrhœa and Enteritis ...	...	...	...	...	...	...	...
14	Spina Bifida	...	...	1	...	...	...	1
15	Tuberculous Diseases ...	...	...	...	1	...	...	1
16	Cerebral Hæmorrhage ...	...	...	...	...	1	...	1
17	Other Defined Diseases ..	...	...	...	1	2	1	4
		5	4	6	3	6	4	28

Isolation Hospitals Report.

During the year 1941, the following cases were treated at the Ashvale Isolation Hospital, Tredegar; Alltyryn Isolation Hospital, Newport; Llanfoist Isolation Hospital; Bedwellty Isolation Hospital, Aberbargoed; Caerphilly Isolation Hospital; Monmouth Isolation Hospital; Isolation Hospital, Pontypool; Cardiff Isolation Hospital, Cardiff.

Decease	Number of Cases	Number of Deaths
Diphtheria	62	1
Cerebro-spinal Meningitis	13	3
Scarlet Fever ...	2	0
Typhoid Fever ...	3	1
	80	5

Of the 80 cases notified, 39 were admitted to Tredegar; 2 to Newport; 1 to Llanfoist; 24 to Aberbargoed; 5 to Caerphilly; 4 to Monmouth; 3 to Pontypool; and 2 to Cardiff.

Maternity and Child Welfare Centres.

Ebbw Vale and Beaufort.

This report is not being recorded in detail, as the figures are much the same as last year. These Centres are still greatly appreciated, as is evident by the attendance of mothers and children.

Ambulance Facilities. Professional Nursing in the Home. Hospitals. Midwives.

As reported in previous years.

Sanitary Circumstances in the Area.

Water Supply. Streams and Rivers.

Drainage and Sewerage. Closet Accommodation.

Scavenging.

As previously reported.

Shops and Offices. Mortuary. Lodging-Houses Roads. Schools.

As previously reported.

Industries.

As previously reported.

Housing Conditions.

Statistics. Year ended December 31st, 1941.

1.—General.

1.	Estimated Population	—
2.	General Death Rate	12·43
3.	Death Rate from Tuberculosis	0·96
4.	Infantile Mortality	26
5.	Number of inhabited houses, 1921	6,299
6.	Number of dwelling-houses of all classes, 1941...	6,603
7.	Number of new houses erected during the year	0
	i. By the Local Authority.. ...	0
	ii. By other bodies or persons ...	0

Housing.

The "Housing Question" is far from satisfactory, but as all building operations have been stopped, further reference to this matter can only be considered after the termination of hostilities.

The Sanitary Administrations and Conditions for the Year 1941.

The following Table show particulars of the work carried out by the Sanitary Staff.

TABLE A.

Occupied dwellings systematically inspected ...	715
Occupied dwellings re-inspected	208
Visits to premises for special nuisances ...	353
Re-visits	258

Visits to dirty verminous houses	140
Cowsheds	101
Dairies and Milkshops	68
Bakehouses	49
Butchers' Shops	554
Slaughter Houses	27
Fried Fish Shops	149
Fruit and Vegetable Shops	415
Common Lodging Houses	97
Factories	63
Stables	18
Urinals	110
Cinemas	56
Schools	209
Pigstyes	47
Waterworks	20
Workshops (including Bakehouses) ...	91

Cowsheds.

As previously reported.

Milk Supplies.

As previously reported.

Milk and Dairies Order.

Remarks as in previous Report.

Number of Cowsheds on Register ...	9
Number of Retail Purveyors	42
Number of Wholesalers	0
Licenced to sell Pasteurised	4

Slaughterhouses.

27 visits were paid to the Slaughterhouses in the district.

Prevalence of and Control over Infectious Diseases.

Infectious Diseases Generally.

Every possible action is taken to check the spread of Infection when the occasion arises, and particular note taken to trace source of infection when necessary.

Eradication of Bed Bugs.

Action taken where and when necessary as in previous years.

Food Inspection.

The following articles of food found unfit for human consumption were destroyed by fire or buried.

MEAT—

Beef	369 lbs.
Offal	58 lbs.

TINNED GOODS—

Corned Beef	35 tins
Milk	263 ,,
Fish	105 ,,
Fruit	248 ,,

MISCELLANEOUS—

Fruit	51 lbs.
Bacon	26 lbs.
Cooked Meats	110 lbs.
Jam	16 bottles
Pickled Onions	32 bottles
Fish	4 boxes
Eggs	3 cases

Factories and Workshops.

These premises were visited during the year and the summary of the administrations is given below :—

1—Inspections.

Premises	Inspections	Written Notices	Occupiers Prosecuted
Factories, with Mechanical Power	7	0	0
Factories, without ,, ,,	16	0	0
Other Premises	49	0	0
	—	—	—
	72	0	0

2—Defects Found.

Particulars	Number of Defects			
	Found	Remedied	Referred to H.M. Inspector	In respect of which Prosecutions were Instituted
Want of Cleanliness ...	4	4	0	0
Overcrowding	0	0	0	0
Unreasonable Temperature ...	0	0	0	0
Inadequate Ventilation ...	0	0	0	0
Ineffective Drainage of Floor ...	0	0	0	0
Sanitary Accommodation—				
Insufficient	0	0	0	0
Unsuitable or Defective ...	0	0	0	0
Not separate for sexes ...	0	0	0	0
Other Offences	0	0	0	0
	4	4	0	0

Registered Workshops.

3—Homework (Registered)	Number
Dressmakers and Milliners	3
Shoemakers and Repairers	11
Tailors	2
Wheelwrights and Carpenters	9
Bakehouses (Retail)	13
Laundries	1
Motor Repairers	5
Printers	2
Undertakers	6
Saddlers and Harness Makers	2

Education Committee.

Chairman ... Councillor T. Nicholas

Vice-Chairman ... Councillor A. Davies

All Members of the Council compose the Committee together with the following co-opted Members :—

Mr. E. H. Jones

Mrs. Evans

Mr. H. J. Warren.

Medical Department.

School Medical Officer ... F. M. Fonseca, F.R.C.S.I., D.P.H.

Ophthalmic Surgeon ... C. Jacobs, M.C., M.D., B.S.

Orthopædic Surgeon ...
N. Rocyn Jones, M.D. (CANTAB.), F.R.C.S. (EDIN.)

Dentist ... ... W. S. Hazell, L.D.S. (ENG.).

School and Clinic Nurse ...
Miss F. A. Hudson, S.R.N., F.B.C.N., M.R.B.N.A.

School Nurse ... ... Miss A. Ajax, S.R.N., C.M.B.

School Nurse ... Miss E. Sullivan, S.R.N., C.M.B.

Clerk ... ... Miss G. G. Owen.

Clerk ... ... Mr. B. N. Johnson.

Ladies and Gentlemen,

During the year ended 31st December, 1941, one thousand, seven hundred and sixty-four children with the additional one thousand and two special cases were examined in the different groups under your Authority.

Ophthalmic Surgeon's Report.

During the year ending 31st December, 1941, I examined about 200 children. The great majority were suffering from defective vision caused by errors of refraction, and there were many cases also of squint. There were several cases of external eye disease, mostly of a mild conjunctivitis and marginal blepharitis and there were a few children suffering from corneal ulcers.

Glasses and treatment were prescribed where necessary, and much of the treatment was carried out in the School Clinic.

With few exceptions, the parents were anxious to avai themselves of the facilities offered and their co-operation was very helpful.

Orthopaedic Surgeon's Report.

Clinics have been held again this year at Ebbw Vale once a month and cases have been visited at the home by the Orthopædic Surgeon and the Nurse, when needed.

33 children have attended the Clinic and 13 have attended or have been admitted to The Prince of Wales Hospital for more specialised types of treatment and examination.

Most of the children are regular in their attendance for the aftercare work carried out by Nurse Hudson, but there are a few who do not obtain all the benefit they might if they were more regular in attendance and in carrying out the kind of treatment which can be done at home.

The high standard of the after care has been maintained and there are severable notable examples of what can be accomplished by persistent and prolonged effort. This side of the work has been carried out by Nurse Hudson very well, as in other years.

Number of individual cases examined during the year	33
Number of examinations (including re-examinations) ...	91
Number of children who were admitted to Hospital for treatment	10
Number who visited Mr. Harrison for remedial exercises and other treatment	1
Number who attended the Clinic for supervision and treatment by Nurse Hudson	13

Orthopaedic cases treated at the Prince of Wales Hospital, Cardiff.

There were 13 cases of various nature treated at the above Hospital. 10 received indoor treatment, and on discharge were supplied with the necessary appliances. 3 were seen as outdoor patients. 5 children were supplied with appliances, alteration to shoes, etc., without attending The Prince of Wales Hospital.

Dentist's Report.

The only new item of interest from the Dental Clinic is that to a very noticeable degree the evacuees seem more nervous and apprehensive than the local children.

Report of the N.S.P.C.C. Inspector.

Inspector A. E. H. Jones.

General Neglect	Neglect and failure to provide Spectacles	Other Wrongs
9	1	3

Of the 13 cases, 55 children and 20 parents were affected.

Swimming Instructions.

This was obtained during Summer months as in previous years.

Children temporarily excluded from School during the Year ended 31st December, 1941.

Under Article 53 (b) of the Code.

100 children were excluded during the year for various causes under the above Code.

Co-operation of Teachers, Attendance Officers and Parents.

This continues in the same satisfactory manner.

Medical Inspection and Treatment Returns,

Year ended 31st December, 1941.

Table I.

Medical Inspections of Children attending Public Elementary Schools.

A.—Routine Medical Inspections.

1—Number of Inspections in the prescribed Groups

Entrants	407
Second Age Group	490
Third Age Group	386
Total	1283
2.—Number of other Routine Inspections ...	481
Grand Total	1764

B.—Other Inspections

Number of Special Inspections and Re-Inspections	1002

TABLE II,

Classification of the Nutrition of Children Inspected during the Year in the Routine Age Groups.

Number of Children Inspected	A Excellent		B Normal		C Slightly subnormal		D Bad	
	No.	%	No.	%	No.	%	No.	%
1764	0	0	1761	99·83	3	0·17	0	0

Table III.

Group I. Treatment of Minor Ailments.

(excluding Uncleanliness).

Total number of Defects treated or under treatment during the year under the Authority's Scheme ...	866

Group II.

Treatment of Defective Vision and Squint

	Under the Authority's Scheme
Errors of Retraction (including squint) ...	167
Other defect or disease of the eyes (excluding those recorded in Group I.) ...	26
Total	193

No of Children for whom spectacles were	
a. Prescribed	106
b. Obtained	15

Group III. Treatment of Defects of Nose & Throat.

Received Operative Treatment	64
Received other forms of Treatment	0
Total number treated	64

Table IV.

Dental Inspection and Treatment.

1. Number of children inspected by the Dentist —

   (a) Routine age groups

Age	5	6	7	8	9	10	11	12	13	14	Total
Number	217	214	231	206	221	271	231	223	194	56	2064

   b. Specials 507

   c. Total, Routine and Specials 2571

2. Number found to require treatment 1677

3. Number actually treated 1221

4. Attendances made by children for treatment ... 1808

5. Half-days devoted to—

Inspection ...	11
Treatment ...	118
Total ...	129

6. Fillings—

Permanent Teeth...	291
Temporary Teeth...	4
	295

7. Extractions—

Permanent Teeth	701
Temporary Teeth	2615
Total ...	3316

8. Administrations of general anæsthetics for extractions ... 1070

9. Other Operations—

Permanent Teeth	0
Temporary Teeth	0
	0

Table V.

Verminous Conditions.

i. Average number of visits per school made during the year by the School Nurses or other authorised persons 6

ii. Total number of examinations of children in the Schools by School Nurses or other authorised persons... 13444

iii. Number of individual children found unclean ... 135

iv. Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921 ... 81

v. Number of cases in which legal proceedings were taken :—

   a. Under the Education Act, 1921 0

   b. Under School Attendance Byelaws... ... 0

Table VI.

Blind and Deaf Children.

Number of totally or almost totally blind and deaf children who are not at the present time receiving education suitable for their special needs. The return should relate to all such children including evacuees resident in the Authority's area.

		Blind Children	Deaf Children
1	At a Public Elementary School ...	0	0
2	At an Institution other than a Special School	0	0
3	At no School or Institution	0	0

Mentally Defective Children.

Total number of children notified during the year ended 31st December, 1941, by the Local Education Authority to the Local Mental Deficiency Authority under the Mental Deficiency (Notification of Children) Regulations, 1928 ... ... Nil

Table IV.

Local Average Heights and Weights compared with National Average. **A. Heights.**

Classification	Age last birthday in years	Sex	No. Inspected	National Averages ft	National Averages in.	Local Averages ft	Local Averages in
Entrants	3	M	...	2	11	..	..
	3	F	...	2	10	...	...
	4	M	...	3	1	...	...
	4	F	...	3	0	...	...
	5	M	173	3	4	3	5
	5	F	152	3	3	3	6
	6	M	41	3	7	3	8
	6	F	33	3	6	3	7
	Other Ages	M	3	...	...	4	2
		F	5	...	...	4	0
	Total	M	217				
		F	190				
Leavers	12	M	192	4	7	4	8
	12	F	185	4	7½	4	8
	13	M	1	4	9	4	8
	13	F	7	4	9¾	4	11
	14	M	...	4	11¼	...	...
	14	F	1	4	11¾	5	3
	Other Ages	M	...	...		...	...
		F	...	...		...	...
	Total	M	193				
		F	193				
Intermediate Groups	8	M	238	3	11	4	0
	8	F	252	3	10½	3	11
	11–12	M	...	4	5½	...	...
	11–12	F	...	4	5	...	...
	Other Routine	M	239			3	10
		F	243			3	10

Table IV.

Local Average Heights and Weights compared with National Average. **B. Weights.**

Classification	Age last birthday in years	Sex	No. Inspected	National Averages st	National Averages lb.	Local Averages st	Local Averages lb
Entrants	3	M	...	2	6	..	..
	3	F	...	2	3½	...	...
	4	M	...	2	9	...	...
	4	F	...	2	8	...	...
	5	M	173	2	12	2	12
	5	F	152	2	11	2	12
	6	M	41	3	2½	3	2
	6	F	33	2	13¾	3	1
	Other Ages	M	3	...	...	4	0
		F	5	...	...	3	9
	Total	M	217				
		F	190				
Leavers	12	M	192	5	6¾	5	11
	12	F	185	5	6½	6	4
	13	M	1	5	12½	5	12
	13	F	7	6	3	6	1
	14	M	...	6	8	...	...
	14	F	1	6	12¾	8	1
	Other Ages	M	...	...		...	...
		F	...	...		...	...
	Total	M	193				
		F	193				
Intermediate Groups	8	M	238	3	13	4	0
	8	F	252	3	10	3	12
	11–12	M	...	5	2	...	...
	11–12	F	...	4	12	...	...
	Other Routine	M	239			3	8
		F	243			3	8

Conclusion.

I take this opportunity of thanking my Colleagues for their co-operation and assistance during the course of my duties.

F. M. FONSECA, F.R.C.S.I., D.P.H.,
Medical Officer of Health and
School Medical Officer.